

102.12 - Nickel Base Alloys (chip and disk forms)

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Co	Ti	Al	B	Fe	V
349a	Waspaloy	150 g	0.035	0.019	0.003	0.0024	0.018	0.007	58.1	19.3	4.25	12.46	3.06	1.23	0.005	1.15	0.12
861	Nickel-based Superalloy	50 g			0.001271	0.0000561											
864	Inconel 600	100 g	0.064	0.29	0.010	0.003	0.12	0.26	73.1	15.7	0.20	0.059	0.26	0.26		9.6	
865	Inconel 625	150 g	0.037	0.18	0.012	0.001	0.41	0.36	59.5	21.9	8.6	0.072	0.28	0.21		4.5	
882	Alloy Ni-Cu-Al	100 g	0.006	0.0007		0.0014	0.006	31.02	65.25				0.57	2.85		0.009	
1159	Elec/Mag Ni-Fe	disk	0.007	0.305	0.003	0.003	0.32	0.038	48.2	0.06	0.010	0.022				51.0	
1160	Elec/Mag Ni-Mo-Fe	disk	0.019	0.550	0.003	0.001	0.37	0.021	80.3	0.05	4.35	0.054				14.3	
1243	Waspaloy	disk	0.024	0.019	0.003	0.0018	0.018	0.007	58.78	19.20	4.25	12.46	3.06	1.23	0.005	0.79	0.12
1244	Inconel 600	disk	0.062	0.29	0.010	0.003	0.12	0.26	73.2	15.7	0.20	0.058	0.25	0.26		9.6	
1249	Nickel-based Superalloy	disk	0.038	0.109	0.013		0.106	0.145	53.3	18.5	3.09	0.325	0.957	0.563			0.034
1775	MP 35N Refractory Alloy	disk	0.0051	0.0121	0.0006	0.0013	(0.02)	0.0046	34.91	20.4		33.3		0.024	0.0097	0.91	0.0095
2175	MP 35N Refractory Alloy	150 g	0.0051	0.0121	0.0006	0.0013	(0.02)	0.0046	34.91	20.4		33.3		0.024	0.0097	0.91	0.0095
C1248	Nickel-Copper Alloy	disk	0.266	0.31	0.002	0.0008	1.61	29.80	65.75	0.095	0.006	Pb 3.8 mg/kg	Sn 1.1 mg/kg	0.009		2.10	
C2402	Hastelloy7C	disk	0.010	0.64	0.007	0.018	0.85	0.19	51.5	16.15	17.1	1.50	Sn (0.001)		(0.0004)	7.3	0.22

Values in parentheses are given for information only.